

JAN 03 2007

Attorney's Docket No.: 07148-063004 / A15-505.53

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Lorin R. DeBonte et al.
Serial No. : 10/757,909
Filed : January 15, 2004
Title : FATTY ACID DESATURASES AND MUTANT SEQUENCES THEREOF

Art Unit : Unknown
Examiner : Unknown

MAIL STOP MISSING PARTS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

In response to the Notice to File Missing Parts under 37 CFR §1.53(b) mailed May 5, 2004 (copy enclosed), Applicants, as a Large Entity, submit the following:

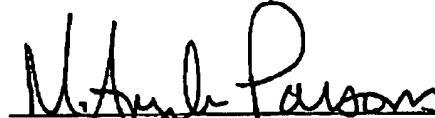
1. Statement Re Power of Attorney (1 page);
2. Combined Declarations/Powers of Attorney in compliance with 37 CFR §1.63 (9 pages);
3. A check in the amount of \$130 for the late filing of the Declarations;
4. Preliminary Amendment (3 pages);
5. Request under 37 C.F.R. §1.821(e) to Transfer Computer Readable Form (1 page); and
6. Paper copy of the Sequence Listing (40 pages).

It is understood that this perfects the application and no additional papers or filing fees are required. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date:

July 6, 2004



M. Angela Parsons, Ph.D.
Reg. No. 44,282

Fish & Richardson P.C., P.A.
60 South Sixth Street
Suite 3300
Minneapolis, MN 55402
Telephone: (612) 335-5070
Facsimile: (612) 288-9696
60228137.doc

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit July 16, 2004

Date of Deposit

Signature

Typed or Printed Name of Person Signing Certificate

JAN 03 2007

Patent
Attorney Docket No. 07148-063004
Case No. CGL99/0007US12

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: Lorin R. Debonte Confirmation No. 4797
Application No.: 10/757,909 Group Art Unit:
Filed: 15 January 2004 Examiner:
Title: Fatty Acid Desaturases And Mutant Sequences Thereof

RESPONSE TO NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

Mail Stop: Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being transmitted by facsimile to the US Patent and Trademark Office at 571.273.8300 on 3 January 2007.

/Edward S. Hotchkiss, Reg. No. 33,904/

Signed by: Edward S. Hotchkiss, Reg. No. 33,904

Dear Sir:

This is in response to the Notice to File Missing Parts of Nonprovisional Application mailed 12 April 2006 (the [Corrected Notice]), which states that [The oath or declaration is unsigned.] Part 2 of this Corrected Notice is enclosed.

The Corrected Notice was accompanied by a Withdrawal of Previously Sent Notice, which withdrew an earlier Notice to File Missing Parts (the [Original Notice]), mailed 5 May 04. In July 2004, Applicants responded to the Original Notice with a signed Declaration; a copy of that 2004 Response, including the signed Declaration required by the Corrected Notice, is enclosed. For some reason, the PAIR file includes the Sequence Listing submitted with the 2004 Response (which I have not enclosed), but does not reflect the other documents that were included with the response. In either event, the present Response includes the required signed Declaration.

Please charge the surcharge provided in 37 CFR § 1.16(e) and, if necessary, charge any additional fees or credit any overpayment to Deposit Account No. 50-2342. The application should now be in condition for examination. Please direct any inquiries to the undersigned attorney.

Respectfully submitted,

3 January 2007

Date

By: /Edward S. Hotchkiss, Reg. No. 33,904/

Edward S. Hotchkiss, Reg. No. 33,904

Telephone No.: (952) 742-2848

Customer No. 38550
Cargill, Incorporated
Law Department
P.O. Box 5624
Minneapolis, MN 55440-5624
Facsimile No.: (952) 742-6349

JAN 03 2007

005/034

Attorney's Docket No.: 07148-063004 / A15-505.53

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Lorin R. DeBonte et al. Art Unit : Unknown
Serial No. : 10/757,909 Examiner : Unknown
Filed : January 15, 2004
Title : FATTY ACID DESATURASES AND MUTANT SEQUENCES THEREOF

MAIL STOP MISSING PARTS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

In response to the Notice to File Missing Parts under 37 CFR §1.53(b) mailed May 5, 2004 (copy enclosed), Applicants, as a Large Entity, submit the following:

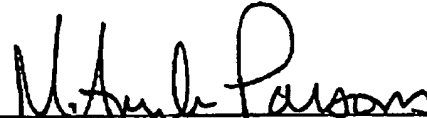
1. Statement Re Power of Attorney (1 page);
2. Combined Declarations/Powers of Attorney in compliance with 37 CFR §1.63 (9 pages);
3. A check in the amount of \$130 for the late filing of the Declarations;
4. Preliminary Amendment (3 pages);
5. Request under 37 C.F.R. §1.821(e) to Transfer Computer Readable Form (1 page); and
6. Paper copy of the Sequence Listing (40 pages).

It is understood that this perfects the application and no additional papers or filing fees are required. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date:

July 6, 2004



M. Angela Parsons, Ph.D.
Reg. No. 44,282

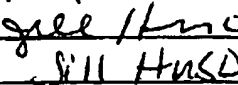
Fish & Richardson P.C., P.A.
60 South Sixth Street
Suite 3300
Minneapolis, MN 55402
Telephone: (612) 335-5070
Facsimile: (612) 288-9696
60228137.doc

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit July 16, 2004

Signature



Typed or Printed Name of Person Signing Certificate

**RECEIVED
CENTRAL FAX CENTER**

003/034

JAN 03 2007Patent
Attorney Docket No. 07148-063004
Case No. CGL99/0007US12**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

First Named Inventor: Lorin R. Debonte Confirmation No. 4797
Application No.: 10/757,909 Group Art Unit:
Filed: 15 January 2004 Examiner:
Title: Fatty Acid Desaturases And Mutant Sequences Thereof

RESPONSE TO NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

Mail Stop: Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being transmitted by facsimile to the US Patent and Trademark Office at 571.273.8300 on 3 January 2007.

/Edward S. Hotchkiss, Reg. No. 33,904/

Signed by: Edward S. Hotchkiss, Reg. No. 33,904

Dear Sir:

This is in response to the Notice to File Missing Parts of Nonprovisional Application mailed 12 April 2006 (the "Corrected Notice"), which states that "The oath or declaration is unsigned." Part 2 of this Corrected Notice is enclosed.

The Corrected Notice was accompanied by a Withdrawal of Previously Sent Notice, which withdrew an earlier Notice to File Missing Parts (the "Original Notice"), mailed 5 May 04. In July 2004, Applicants responded to the Original Notice with a signed Declaration; a copy of that 2004 Response, including the signed Declaration required by the Corrected Notice, is enclosed. For some reason, the PAIR file includes the Sequence Listing submitted with the 2004 Response (which I have not enclosed), but does not reflect the other documents that were included with the response. In either event, the present Response includes the required signed Declaration.

Please charge the surcharge provided in 37 CFR § 1.16(e) and, if necessary, charge any additional fees or credit any overpayment to Deposit Account No. 50-2342. The application should now be in condition for examination. Please direct any inquiries to the undersigned attorney.

Respectfully submitted,

3 January 2007

Date

By: /Edward S. Hotchkiss, Reg. No. 33,904/

Edward S. Hotchkiss, Reg. No. 33,904

Telephone No.: (952) 742-2848

Customer No. 38550
Cargill, Incorporated
Law Department
P.O. Box 5624
Minneapolis, MN 55440-5624
Facsimile No.: (952) 742-6349

RECEIVED
CENTRAL FAX CENTER
JAN 03 2007

Page 1 of 2



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/757,909	01/15/2004	Lorin R. DeBonte	07148-063004

CONFIRMATION NO. 4797

FORMALITIES LETTER



OC000000012534027

Scott R. Pribnow
Cargill, Incorporated
15407 McGinty Road West
Wayzata, MN 55391

Date Mailed: 05/05/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- This application clearly fails to comply with the requirements of 37 CFR. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2800
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at

JAN 03 2007

Page 2 of 2

patin21help@uspto.gov or patin3help@uspto.gov

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is \$130 for a Large Entity

- \$130 Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

RECEIVED
CENTRAL FAX CENTER

023/034

Page 1 of 2

JAN 03 2007



UNITED STATES PATENT AND TRADEMARK OFFICE

 UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1459
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/757,909	01/15/2004	Lorin R. DeBonte	07148-063004

CONFIRMATION NO. 4797

 Scott R. Pribnow
 Cargill, Incorporated
 15407 McGinty Road West
 Wayzata, MN 55391

FORMALITIES LETTER



OC000000012534027

Date Mailed: 05/05/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- This application clearly fails to comply with the requirements of 37 CFR. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at

JAN 03 2007

Page 2 of 2

patin21help@uspto.gov or patin3help@uspto.gov

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is \$130 for a Large Entity

- \$130 Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE